

D Appendix D: System Specifications

D.1 Power Specifications

	Surgeon Console	Patient Cart	Vision Cart
Voltage	100/120/230 VAC 50/60Hz Auto Sense	100/120/230 VAC 50/60Hz Auto Sense	100/120/230 VAC 50/60Hz Auto Sense
Rating and Typical Current	1000VA Continuous 8.4A at 115V~ 4.2A at 230V~	1000VA Continuous 8.4A at 115V~ 4.2A at 230V~	1500VA Continuous 12A at 115V~ 6A at 230V~
Backup Power	NA	5 min	NA
Surge Protected	Yes	Yes	No

D.2 Physical Dimensions

	Surgeon Console	Patient Cart	Vision Cart
Height	70 in. (178 cm)	69 in. (175 cm)	76 in. (193cm) with touchscreen stowed
Width	38 in. (97 cm)	36 in. (91 cm)	26.6 in. (67.6cm)
Depth	34 in. (86 cm)	50 in. (127 cm)	36.5 in. (92.7cm)
Weight	~580 lbs. (264 kg)	~1200 lbs. (544 kg)	446 lbs. (202.3kg)
Ground Clearance	1.9 in. (48 mm)	1.9 in. (48 mm)	4 in. (10.2cm)

D.3 Environmental Specifications

Environmental Conditions: Operating	
Temperature:	10 to 30 °C (50 to 86 °F)
Humidity:	10 to 85% non-condensing
Atmospheric Pressure:	The IS3000 shall function properly in atmospheric pressures ranging from 523mm HG (10,000 ft) to 774mm HG (-500 ft). For every 1000 feet above sea level, the 30 °C operational temperature limit specified above will be reduced by 1 °C. (For example, the maximum operating temperature at 5000 feet will be 25 °C, and the maximum operating temperature at 10,000 feet will be 20 °C.)

Environmental Conditions: Storage and Transport	
Temperature:	-10 to 55 °C (14 to 131 °F)
Humidity:	5 to 95% non-condensing for transport 10 to 85% non-condensing for storage



Note: Storage and transport of the system are not affected by atmospheric pressure.